# Sutton Brook NPL Site Administrative Record File Record of Decision (ROD) Proposed Plan Operable Unit 1 - Sitewide

## Index

ROD Proposed Plan Dated June 2007 Released June 2007

Prepared by
EPA New England
Office of Site Remediation & Restoration

#### **Introduction to the Collection**

This is the administrative record file for the Sutton Brook Superfund Site, Tewksbury, MA, Operable Unit 1, Proposed Plan for Record of Decision (ROD), released June, 2007. The file contains site-specific documents and a list of guidance documents used by EPA staff in selecting a response action at the site.

This file includes, by reference, the administrative record file for the Sutton Brook Removal Action, issued July 20, 2000.

The administrative record file is available for review at:

EPA New England Office of
Site Remediation & Restoration
(OSRR) Records and Information Center
1 Congress Street, Suite 1100 (HSC)
Boston, MA 02114
(by appointment)
617-918-1440 (phone)
617-918-1223 (fax)
www.epa.gov/region01/superfund/resource/records.htm

Tewksbury Public Library 300 Chandler Street Tewksbury, MA 01876 (978) 640-4490 (phone) http://www.tewksburypl.org/

Questions about this administrative record file should be directed to the EPA New England site manager.

An administrative record file is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

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#### AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273524 GROUNDWATER USE AND VALUE DETERMINATION

Author: US EPA REGION 1 Por Date: 07/01/2001 # of Pages: 5

Addressee: File Break: 03.06

**Doc Type:** REPORT

273538 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MAY 2004

(6/14/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 05/01/2004 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273539 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JUNE 2004

(7/14/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN **Doc Date:** 06/01/2004 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273540 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JULY 2004

(8/13/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 07/01/2004 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

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# AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273541 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) AUGUST 2004 (9/14/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 08/01/2004 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273542 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) SEPTEMBER

2004 (10/14/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 09/01/2004 # of Pages: 5

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273543 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) OCTOBER

**2004** (11/14/2004 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 10/01/2004 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273544 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) NOVEMBER

**2004 (12/14/2004 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 11/01/2004 # of Pages: 5

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

## AR Collection: 11849

#### ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273520 REQUEST FOR ADDITIONAL MONITORING LOCATION

Author: KARL D KASPER WOODARD & CURRAN INC

Doc Date: 11/19/2004 # of Pages: 2

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.02

**Doc Type:** LETTER

273546 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) DECEMBER

**2004 (1/14/2005 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 12/01/2004 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273545 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JANUARY

**2005 (2/14/2005 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 01/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273547 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) FEBRUARY

**2005 (3/11/2005 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 02/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

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# AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273548 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MARCH 2005

(4/14/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 03/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

 ${\bf 273526} \qquad {\bf REVIEW~OF~DRAFT~REMEDIAL~INVESTIGATION~AND~FEASIBILITY~STUDY~(RI/FS)~PHASE~1A~REMEDIAL}$ 

INVESTIGATION (RI) DELIVERABLE, MASTER COMMENT LIST

Author: US EPA REGION 1 Doc Date: 03/04/2005 # of Pages: 24

Addressee: File Break: 03.06

**Doc Type:** MEMO

273549 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) APRIL 2005

(5/13/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 04/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273550 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MAY 2005

(6/13/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 05/01/2005 # of Pages: 11

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

# of Pages: 3

**Doc Date:** 06/01/2005

File Break: 03.06

# AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273551 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JUNE 2005

(7/14/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN

Addressee: DON MCELROY US EPA REGION 1

Doc Type: REPORT

273552 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JULY 2005

(8/12/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 07/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273553 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) AUGUST 2005

(9/14/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 08/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273554 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) SEPTEMBER

**2005** (10/14/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 09/01/2005 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273527 REVIEW BY EPA OF RESPONSE TO COMMENTS ON THE MARCH 2005 DRAFT PHASE 1A REMEDIAL INVESTIGATION (RI) DELIVERABLE

Author: US EPA REGION 1 Doc Date: 09/22/2005 # of Pages: 9

Addressee: File Break: 03.06

**Doc Type:** MEMO

273528 COMMENTS ON THE "RESPONSE TO COMMENTS ON THE MARCH 2005 DRAFT PHASE 1A REMEDIAL DIVISION OF THE WEB A PLET

INVESTIGATION (RI) DELIVERABLE"

Author: US EPA REGION 1 Doc Date: 09/22/2005 # of Pages: 3

Addressee: File Break: 03.06

**Doc Type:** LETTER

273555 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) OCTOBER

**2005 (11/14/2005 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 10/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273556 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) NOVEMBER

2005 (12/14/2005 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN Doc Date: 11/01/2005 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

## AR Collection QA Report

\*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273557 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) DECEMBER

**2005 (1/14/2006 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 12/01/2005 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273558 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JANUARY

**2006 (2/14/2006 TRANSMITTAL ATTACHED)** 

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 01/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273559 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) FEBRUARY

2006 (3/14/2006 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 02/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273560 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MARCH 2006

(4/14/2006 TRANSMITTAL ATTACHED)

Author: KARL D KASPAR WOODARD & CURRAN

Doc Date: 03/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273561 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) APRIL 2006

(5/12/2006 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN Doc Date: 04/01/2006 # of Pages: 3

Addressee: KARL D KASPAR WOODARD & CURRAN

File Break: 03.06

DON MCELROY US EPA REGION 1

**Doc Type:** REPORT

273562 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MAY 2006

(6/14/2006 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 05/01/2006 # of Pages: 3

Addressee: KARL D KASPAR WOODARD & CURRAN

File Break: 03.06

DON MCELROY US EPA REGION 1

**Doc Type:** REPORT

273563 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JUNE 2006

(7/14/2006 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN Doc Date: 06/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

## AR Collection QA Report

\*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273564 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JULY 2006

(8/14/2006 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 07/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273565 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) AUGUST 2006

(9/15/2006 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 08/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

 $273566 \qquad MONTHLY\ PROGRESS\ REPORT,\ REMEDIAL\ INVESTIGATION\ /\ FEASIBILITY\ STUDY\ (RI/FS)\ SEPTEMBER$ 

**2006 (10/13/2006 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN Doc Date: 09/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273567 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) OCTOBER

**2006 (11/14/2006 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 10/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

## **AR Collection QA Report**

\*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) NOVEMBER 273568

**2006 (12/14/2006 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN **Doc Date:** 11/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) DECEMBER 273569

**2006 (1/12/2007 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN **Doc Date:** 12/01/2006 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

TECHNICAL MEMORANDUM, NOVEMBER 2006 SEDIMENT SAMPLE COLLECTION - SOUTHERN 273532

TRIBUTARY

Author: WOODARD & CURRAN **Doc Date:** 12/05/2006 # of Pages: 23

Addressee: File Break: 03.02

**Doc Type:** REPORT

MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) JANUARY 273570

**2007 (2/14/2007 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN **Doc Date:** 01/01/2007 # **of Pages:** 19

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273531 TECHNICAL MEMORANDUM, NOVEMBER 2006 SEDIMENT SAMPLE COLLECTION - DEEP MARSH

Author: WOODARD & CURRAN Pot Pages: 27

Addressee: File Break: 03.02

**Doc Type:** REPORT

273530 TOXICITY TEST RESULTS - SOUTHERN TRIBUTARY SEDIMENTS

Author: JEFFREY A HAMEL WOODARD & CURRAN Doc Date: 01/18/2007 # of Pages: 2

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.02

**Doc Type:** SAMPLING DATA

273519 SAMPLING DATA FOR 19 BEMIS CIRCLE

Author: PAUL GIDDINGS MA DEPARTMENT OF ENVIRONMENTAL PROTECTION - COMMISSIONER Doc Date: 01/29/2007 # of Pages: 25

Addressee: File Break: 02.03

Doc Type: SAMPLING DATA

273571 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) FEBRUARY

**2007 (3/15/2007 TRANSMITTAL ATTACHED)** 

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 02/01/2007 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

## AR Collection: 11849

#### ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273576 REMEDIAL INVESTIGATION AND FEASIBILTY STUDY (RI/FS), VOLUME 1 OF 5, REMEDIAL INVESTIGATION (RI) REPORT

Author: WOODARD & CURRAN Doc Date: 02/01/2007 # of Pages: 342

Addressee: File Break: 03.06

**Doc Type:** REM INVEST/FS STUDY (RI/FS) **Doc Type:** REMEDIAL INVESTIGATION (RI)

Doc Type: REPORT

273577 REMEDIAL INVESTIGATION AND FEASIBILTY STUDY (RI/FS), VOLUME 2 OF 5, REMEDIAL

INVESTIGATION (RI) REPORT, APPENDICES

Author: WOODARD & CURRAN Doc Date: 02/01/2007 # of Pages: 3244

Addressee: File Break: 03.06

**Doc Type:** REM INVEST/FS STUDY (RI/FS) **Doc Type:** REMEDIAL INVESTIGATION (RI)

**Doc Type:** REPORT

273533 COMMENTS ON "TRANSMITTAL OF TOXICITY TEST RESULTS - TRIBUTARY SEDIMENTS"

Author: DON MCELROY US EPA REGION 1 Doc Date: 02/06/2007 # of Pages: 1

Addressee: File Break: 03.02

Doc Type: MEMO

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273521 COMMENTS FOR TRANSMITTAL TO NATIONAL REMEDY REVIEW BOARD

Author: RICH DOHERTY ENGINEERING & CONSULTING RESOURCES, INC

Doc Date: 03/01/2007 # of Pages: 10

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** LETTER

273529 REVIEW BY EPA OF THE REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) BASELINE RISK ASSESSMENT (HUMAN HEALTH RISK ASSESSMENT (HHRA) PORTION)

Author: US EPA REGION 1 Doc Date: 03/01/2007 # of Pages: 6

Addressee: File Break: 03.10

**Doc Type:** MEMO

273572 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) MARCH 2007

(4/12/2007 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN

Doc Date: 03/01/2007 # of Pages: 3

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

Doc Type: REPORT

273522 COMMENTS OF PERFORMING PRPS RELATING TO REMEDY REVIEW BOARD PROCESS

Author: SUTTON BROOK SITE PERFORMING PRPS Doc Date: 03/27/2007 # of Pages: 10

Addressee: NATIONAL REMEDY REVIEW BOARD File Break: 03.06

Doc Type: MEMO

# of Pages: 2

**Doc Date:** 03/27/2007

# AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273523 REMEDY REVIEW BOARD PACKAGE

Author: JAY NAPARSTEK MA DEPT OF ENVIRONMENTAL PROTECTION

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** LETTER

273573 MONTHLY PROGRESS REPORT, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) APRIL 2007

(5/14/2007 TRANSMITTAL ATTACHED)

Author: JEFFREY A HAMEL WOODARD & CURRAN Doc Date: 04/01/2007 # of Pages: 4

Addressee: DON MCELROY US EPA REGION 1 File Break: 03.06

**Doc Type:** REPORT

273578 REMEDIAL INVESTIGATION AND FEASIBILTY STUDY (RI/FS), VOLUME 3 OF 5, REMEDIAL

INVESTIGATION / FEASIBILITY STUDY (RI/FS) BASELINE RISK ASSESSMENT

Author: WOODARD & CURRAN Doc Date: 05/01/2007 # of Pages: 499

Addressee: File Break: 03.10

**Doc Type:** REMEDIAL INVESTIGATION (RI) **Doc Type:** REM INVEST/FS STUDY (RI/FS)

#### AR Collection: 11849

#### ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

03: REMEDIAL INVESTIGATION (RI)

273579 REMEDIAL INVESTIGATION AND FEASIBILTY STUDY (RI/FS), VOLUME 4 OF 5, REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) BASELINE RISK ASSESSMENT, APPENDICES

Author: WOODARD & CURRAN Doc Date: 05/01/2007 # of Pages: 2834

Addressee: File Break: 03.10

**Doc Type:** REM INVEST/FS STUDY (RI/FS) **Doc Type:** REMEDIAL INVESTIGATION (RI)

Doc Type: REPORT

04: FEASIBILITY STUDY (FS)

273537 RESPONSES TO EPA'S MARCH 14, 2007 COMMENTS ON THE PHASE 2 FEASIBILITY STUDY (FS)

Author: WOODARD & CURRAN Doc Date: 01/01/1111 # of Pages: 9

Addressee: File Break: 04.06

Doc Type: MEMO

273534 REVIEW BY EPA OF PHASE 1 FEASIBILITY STUDY (FS) DEVELOPMENT AND INITIAL SCREENING OF

ALTERNATIVES REPORT

Author: US EPA REGION 1 Doc Date: 09/22/2006 # of Pages: 7

Addressee: File Break: 04.06

Doc Type: MEMO

## AR Collection: 11849

#### ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

04: FEASIBILITY STUDY (FS)

273536 RESPONSES TO COMMENTS ON THE PHASE 1 FEASIBILITY STUDY (FS) DEVELOPMENT AND INTIAL

SCREENING OF ALTERNATIVES REPORT

Author: JEFFREY A HAMEL WOODARD & CURRAN

**Addressee:** DON MCELROY US EPA REGION 1

Doc Type: LETTER

**Doc Date:** 12/15/2006 # of Pages: 72

File Break: 04.06

273535 REVIEW OF PHASE 2 FEASIBILITY STUDY (FS) DETAILED ANALYSIS OF ALTERNATIVE REPORT

Author: US EPA REGION 1 Doc Date: 03/01/2007 # of Pages: 4

Addressee: File Break: 04.06

**Doc Type:** MEMO

273580 REMEDIAL INVESTIGATION AND FEASIBILTY STUDY (RI/FS), VOLUME 5 OF 5, FEASIBILITY STUDY (FS)

Author: WOODARD & CURRAN Doc Date: 05/01/2007 # of Pages: 414

Addressee: File Break: 04.06

**Doc Type:** REPORT

**Doc Type:** REM INVEST/FS STUDY (RI/FS) **Doc Type:** FEASIBILITY STUDY (FS)

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# of Pages: 26

**Doc Date:** 06/01/2007

# AR Collection: 11849 ROD PROPOSED PLAN AR FILE

# AR Collection QA Report \*\*\*For External Use\*\*\*

04: FEASIBILITY STUDY (FS)

273525 PROPOSED PLAN

Author: US EPA REGION 1

Addressee:

File Break: 04.09

Doc Type: PROPOSED PLAN

Doc Type: REPORT

Number of Documents in Collection: 60

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

**TITLE** 

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA.

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 10/1/1988
 OSWER #9355.3-01
 2002

**TITLE** 

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME II, ENVIRONMENTAL EVALUATION MANUAL

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 3/1/1989
 EPA/540/1-89/001
 5024

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. VOLUME I. HUMAN HEALTH EVALUATION MANUAL (PART A). INTERIM FINAL.

**DOCDATE OSWER/EPA ID DOCNUMBER** 12/1/1989 EPA 540/1-89/002 C174

TITLE

STREAMLINING THE RI/FS FOR CERCLA MUNICIPAL LANDFILL SITES.

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 9/1/1990
 OSWER 9355.3-11FS
 C176

TITLE

CONDUCTING REMEDIAL INVESTIGATIONS/FEASIBILITY STUDIES FOR CERCLA MUNICIPAL LANDFILL SITES.

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 2/1/1991
 OSWER 9355.3-11
 C177

TITLE

ECOLOGICAL ASSESSMENT OF HAZARDOUS WASTE SITES: A FIELD AND LABORATORY REFERENCE.

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 3/1/1989
 EPA 600/3-89/013
 C251

TITLE

ECO UPDATE. ECOTOX THRESHOLDS. INTERMITTENT BULLETIN VOLUME 3, NUMBER 2

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 1/1/1996
 OSWER 9345.0-12FSI
 C269

TITLE

LAND USE IN THE CERCLA REMEDY SELECTION PROCESS

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 1/1/1995
 OSWER 9355.7-04
 C317

TITLE

EXPOSURE FACTORS HANDBOOK; GENERAL FACTORS, VOLUME I

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 8/1/1997
 EPA 600/P-95/002FA
 C356

TITLE

ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND PROCESS FOR DESIGNING AND CONDUCTING ECOLOGICAL RISK

ASSESSMENTS (EPA 540-R-97-006)

**DOCDATE OSWER/EPA ID DOCNUMBER** 6/2/1997 C361

TITLE

FRAMEWORK FOR ECOLOGICAL RISK ASSESSMENT (EPA/630/R-92/001)

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 2/1/1992
 EPA 630/R-92-001
 C364

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

**TITLE** 

DRAFT FINAL GUIDELINES FOR ECOLOGICAL RISK ASSESSMENT

DOCDATE OSV

OSWER/EPA ID

**DOCNUMBER** 

C366

7/18/1997

**TITLE** 

FRAMEWORK FOR ECOLOGICAL RISK ASSESSMENT AT THE EPA

**DOCDATE** 1/1/1992

OSWER/EPA ID

DOCNUMBER

C396

**TITLE** 

ROLE OF BTAG'S IN ECOLOGICAL ASSESSMENT -ECO UPDATE - VOL. 1, NO. 1

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1991

OSWER 9345.0-05I C416

TITLE

HEALTH EFFECTS ASSESSMENT SUMMARY TABLES - FY 1997 UPDATE

**DOCDATE** 7/1/1997

OSWER/EPA ID

**DOCNUMBER** 

EPA 540/R-97-036 C468

**TITLE** 

DERMAL EXPOSURE ASSESSMENT: PRINCIPLES AND APPLICATIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1992

EPA 600/8-91-011B

C469

TITLE

DRAFT INTERIM FINAL OSWER MONITORED NATURAL ATTENUATION POLICY

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1997

OSWER 9200.4-17 C474

TITLE

LETTER AND ATTACHED MEMORADUM OF AGREEMENT BETWEEN U.S. EPA AND MASS DEP FOR IMPLEMENTATION OF GROUND WATER USE AND VALUE DETERMINATION GUIDANCE

**DOCDATE** 3/23/1998

OSWER/EPA ID

DOCNUMBER

C477

TITLE

PRESUMPTIVE REMEDIES: SITE CHARACTERIZATION AND TECHNOLOGY SELECTION FOR CERCLA SITES WITH VOLATILE ORGANIC COMPOUNDS IN SOILS

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1993

OSWER 9355.0-48FS

C491

TITLE

EXPOSURE FACTORS HANDBOOK; FOOD INGESTION FACTORS, VOLUME II

**DOCDATE** 8/1/1997

OSWER/EPA ID EPA/600/P-95/002FB **DOCNUMBER** 

TITLE

EXPOSURE FACTORS HANDBOOK; ACTIVITY FACTORS, VOLUME III

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

8/1/1997 EPA/600/P-95/002FC

C502

C501

TITLE

USE OF MONITORED NATURAL ATTENTUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

4/21/1999

OSWER 9200.4-17P C515

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

**TITLE** 

REVISED ALTERNATIVE CAP DESIGN GUIDANCE PROPOSED FOR UNLINED HAZARDOUS WASTE LANDFILLS IN THE EPA REGION I

**DOCDATE** OSWER/EPA ID DOCNUMBER 2/5/2001 C524

TITLE

GUIDE TO PREPARING SUPERFUND PROPOSED PLANS RECORDS OF DECISION AND OTHER REMEDY SELECTION DECISION DOCUMENTS

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 7/1/1999
 OSWER 9200.1-23P
 C525

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME 1, HUMAN HEALTH EVALUATION MANUAL, INTERIM

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 1/1/1998
 OSWER 9285.7-01D
 C530

**TITLE** 

WILDLIFE EXPOSURE FACTORS HANDBOOK, VOLUME 2 OF 2

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 12/1/1993
 EPA 600/R-93/187
 C567

TITLE

SOIL SCREENING GUIDANCE: USER'S GUIDE

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 7/1/1996
 OSWER NO. 9355.4-23
 C577

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME I: HUMAN HEALTH EVALUATION MANUAL. PART D. STANDARDIZED PLANNING, REPORTING, AND REVIEW OF SUPERFUND RISK ASSESSMENTS. FINAL

DOCDATE OSWER/EPA ID DOCNUMBER 12/1/2001 C593

TITLE

CALCULATING UPPER CONFIDENCE LIMITS FOR EXPOSURE POINT CONCENTRATIONS AT HAZARDOUS WASTE SITES

DOCDATE OSWER/EPA ID DOCNUMBER 12/1/2002 C596

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME I: HUMAN HEALTH EVALUATION MANUAL (PART E SUPPLEMENTAL GUIDANCE FOR DERMAL RISK ASSESSMENT) FINAL

**DOCDATE** OSWER/EPA ID DOCNUMBER 7/1/2004 C602

TITLE

GUIDELINES FOR ECOLOGICAL RISK ASSESSMENT

DOCDATE OSWER/EPA ID DOCNUMBER 4/1/1998 C614

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. VOL 1. HUMAN HEALTH EVALUATION MANUAL (PART B, DEVELOPMENT OF RISK-BASED PRELIMINARY REMEDIATION GOALS) INTERIM

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 12/1/1991
 OSWER 9285.6-03
 C644

TITLE

GUIDANCE FOR CHARACTERIZING BACKGROUND CHEMICALS IN SOIL AT SUPERFUND SITES EXTERNAL REVIEW DRAFT

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 6/1/2001
 OSWER 9285.7-41
 C645

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

#### TITLE

ISSUANCE OF FINAL GUIDANCE: ECOLOGICAL RISK ASSESSMENT AND RISK MANAGEMENT PRINCIPLES FOR SUPERFUND SITES

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 10/7/1999
 OSWER 9285.7-28 P
 C646